

BELYY, V.D.; RESHETNIKOV, V.I.

Study of the operating regime of drives on mine hoists. Trudy
MakNII 12: Vop. gor. elektromekh. no.4:63-72 '61.

(MIRA 16:6)

(Mine hoisting—Brakes)

BELYY, V.D.; RESHETNIKOV, V.I.

Braking force with various mine hoist operating regimes.

Trudy MakNII 12: Vop. gor. elektromekh. no.4:73-87 '61.

(MIRA 16:6)

(Mine hoisting—Brakes)

BELYY, V.D.; RESHETNIKOV, V.I.

Spring-mounted brake drive for mine hoists. Trudy MakNII 12:
Vop. gor. elektromekh. no.4:88-98 '61. (MIRA 16:6)

(Mine hoisting--Brakes)

RESHETNIKOV, V.I.

Height of overwinding of mine hoists. Trudy MakNII 14. Vop. gor.
elektromekh. no.5:136-145 '62. (MIRA 16:6)
(Mine hoisting)

22674

S/198/61/007/002/003/004
D204/D303

13,2521

AUTHOR: Reshetnikov, V.I., (Moscow)

TITLE: Some problems of the dynamics of a Cardan suspension
of a triaxial stabilized platform

PERIODICAL: Prikladna mekhanika, v.7, no.2, 1961, 189-196

TEXT: The author states that some papers contain incorrect
conclusions regarding the momenta that act on the rotor of a gyro-
scope and are caused by the reaction forces in the axes of the sus-
pension. The article offers exact formulae for the momenta of dy-
namic reactions between the platform and the Cardan suspension, in
the presence of small proper motions of the platform and arbitrary
motions of the base. At first no friction and no stabilizing
motors are supposed; the general formula is (10)

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Some problems of the dynamics . . .

$$\begin{aligned}
 M_x = M_{x_1} = 0; \quad M_y = - \left[I_2^s \frac{d\omega_{y_1}^s}{dt} + (I_1^s - I_3^s) \omega_{x_1}^s \omega_{y_1}^s \right] \cos \varphi + \\
 + \left[I_3^s \frac{d\omega_{x_1}^s}{dt} + (I_2^s - I_1^s) \omega_{x_1}^s \omega_{y_1}^s \right] \sin \varphi + \left[I_3^n \frac{d\omega_{x_2}^n}{dt} + (I_2^n - I_1^n) \omega_{x_1}^n \omega_{y_1}^n \right] \frac{\sin \varphi}{\cos \psi} + \\
 + \left[I_1^s \frac{d\omega_{x_2}^s}{dt} + (I_3^s - I_2^s) \omega_{y_1}^s \omega_{x_1}^s \right] \sin \varphi \operatorname{tg} \psi; \\
 M_z = - \left[I_2^s \frac{d\omega_{y_1}^s}{dt} + (I_1^s - I_3^s) \omega_{x_1}^s \omega_{y_1}^s \right] \sin \varphi - \left[I_3^s \frac{d\omega_{x_1}^s}{dt} + (I_2^s - I_1^s) \omega_{x_1}^s \omega_{y_1}^s \right] \cos \varphi - \\
 - \left[I_1^n \omega_{x_1}^n \omega_{y_1}^n \right] \cos \varphi - \left[I_3^n \frac{d\omega_{x_2}^n}{dt} + (I_2^n - I_1^n) \omega_{x_1}^n \omega_{y_1}^n \right] \frac{\cos \varphi}{\cos \psi} - \\
 - \left[I_1^s \frac{d\omega_{x_2}^s}{dt} + (I_3^s - I_2^s) \omega_{y_1}^s \omega_{x_1}^s \right] \cos \varphi \operatorname{tg} \psi.
 \end{aligned} \tag{10}$$

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Some problems of the dynamics . . .

Here index B denotes projections of momenta of inertia or angular velocity of the inner ring on coordinate axes associated with it, and index H those of the outer ring on axes associated with it. The result is applied to 4 special cases. The presence of friction and stabilizing motors is then taken into account and Eq. 20 is obtained, which is applied to 3 special cases.

$$M_x = N_1; M_y = \sin \varphi \operatorname{tg} \psi N_1 + \cos \varphi N_2 - \frac{\sin \varphi}{\cos \psi} N_3; \quad (20)$$

$$M_z = -\cos \varphi \operatorname{tg} \psi N_1 + \sin \varphi N_2 + \frac{\cos \varphi}{\cos \psi} N_3.$$

There are 5 figures, 3 tables and 3 Soviet-bloc references.

SUBMITTED: November 28, 1959

Card 3/3

CHUPILKO, V.S.; RESHETNIKOV, V.K.; SOSNIN, M.V.

Attachment to the SKGN-6 drill for peanut planting. Trakt. i
sel'khoz mash. no.8:26-27 Ag '64. (MIRA 17:11)

1. Kubanskiy nauchno-issledovatel'skiy institut ispytaniya
traktorov i sel'skokhozyaystvennykh mashin.

VECHER, A.S.; RESHETNIKOV, V.N.

Differences in the nature of proteins in the tubers of some
potato varieties. Dokl. AN BSSR 9 no.10:690-694 0 '65.

(MIRA 18:12)

1. Institut eksperimental'noy botaniki i mikrobiologii AN BSSR.
Submitted April 30, 1965.

RESHETNIKOV, V.Ye., inzh.

Calculation of electrodynamic forces in nonsymmetrical
terminal contactors. Elektrotehnika 36 no.12:53-55 D '65.
(MIRA 19:1)

RESHETNIKOV, V.Ye., inzh.

Effect of the initial current on the welding of closed contactors.
Elektrotehnika 35 no.2:23-26 F '64. (MIRA 17:3)

RESHETNIKOV, V.Ye., inzh.

Calculation of electrodynamic forces in contactors.

Elektrotehnika 34 no.10:74-76 0 '63. (MIRA 16:11)

LOSHCHILIN, Andrey Vasil'yevich; TEREENT'YEV, Nikolay Konstantinovich;
TYURIKOV, Aleksandr Ivanovich; RAKITIN, G.A., retsenzent; OZEMBLOVSKIY,
Ch.S., retsenzent; SHCHERBACHEVICH, G.S., retsenzent; SMUSHKOV, P.I., re-
tsenzent; SHILKIN, P.M., retsenzent; FEDOSEYEV, N.P., retsenzent;
RESHETNIKOV, V.Ye., retsenzent; PESKOVA, L.N., red.; ZHDANOV, P.A., red.;
KHITROV, P.A., tekhn. red.

[Safety engineering and industrial sanitation in railroad transportation;
handbook] Tekhnika bezopasnosti i proizvodstvennaia sanitariia na zhelezn-
dorozhnom transporte; spravochnaia kniga. Pod obshchei red. P.A. Zhdanova.
Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia,
1961. 455 p. (MIRA 14:12)

(RAILROAD--SAFETY MEASURES) (RAILROADS--SANITATION)

LEPACHYCH, I.P., KOSHECHIKOV, V.Ye.

Improving working conditions in varnishing and painting metal railroad car interiors. Gig. i san. 22 no.4:76-79 Apr '57. (MLRA 10:9)

1. Iz Tsentral'noy nauchno-issledovatel'skoy laboratorii gigiyeny i sanitatsii Ministerstva putey soobshcheniya SSSR

(PAINT.

hyg. aspects of lacquer-varnishing railroad car interiors
(Rus))

IVANIK, M.M.; VESNETNIKOV, Ya.M.; SOROKA, M.M.

Geological structure of the Spas oil field. Naft. i gaz. prom.
no.23-5 Ap-Je 1955. (MIRA 18:6)

RESHETNIKOV, YE.M.

"Theory and Design of a Phase-Sensitive Amplifier-Rectifier,"
by Ye. M. Reshetnikov, Moscow Order of Lenin Aviation Institute imeni Sergo Ordzhonikidze, Trudy Instituta, Issue 76, Oborongiz, 1956

This 90-page publication, printed in 8,000 copies, discusses the characteristics and application of phase-sensitive amplifiers, used as the connecting link between the synchro-tie receiver and the electric drive of a servosystem.

This work attempts to fill in the gaps existing in information on theory and design methods for controlled phase-sensitive amplifier-rectifiers. This type of amplifier finds its application in the aircraft industry.

The book contains the following chapters: general problems of building and design of a single-stage electronic phase-sensitive amplifier-rectifier; phase-sensitive amplifier-rectifier with ohmic and capacitive resistance in the load circuit; phase-sensitive amplifier-rectifier with load of R, L and R, L, C ; and differential phase-sensitive amplifier-rectifiers. (U)

54M.1345

RESHETNIKOV, Yevgeniy Mikhaylovich, kand. tekhn. nauk; MALYSHEV, M.V., red.;
BELITSKAYA, A.M., red.; LEBEDEVA, L.A., tekhn. red.

[Theory and design of phase-sensitive amplifying rectifiers] Teoriya
i raschet fazochuvstvitel'nykh usilitelei-vypriamitelei. Moskva, Gos.
izd-vo obor. promyshl., 1957. 89 p. (Moscow. Aviatsionnyi tekhnico-
logicheskii institut. Trudy, no.76). (MIRA 11:1)
(Electric current rectifiers) (Amplifiers, Electron-tube)

RESHETNIKOV, Ye. M.

28(1)

PHASE I BOOK EXPLOITATION

SOV/2309

Ageykin, Dmitriy Ivanovich, Mikhail Aleksandrovich Balashov, Sergey Petrovich Kolosov, Valentina Ivanovna Nefedova, Yevgeniy Mikhaylovich Reshetnikov, Nikolay Ivanovich Sokolov, Vasilii Mikhaylovich Stromilov, Nikolay Mikhaylovich Tishchenko, and Nikolay Petrovich Udalov

Rukovodstvo po proyektirovaniyu elementov i sistem avtomatiki; posobie po kursovomu proyektirovaniyu (Handbook on the Design of Automatic Control Elements and Systems; Textbook for Term Projects in Design) No. 2. Moscow, Oborongiz, 1959. 247 p. (Series: Moscow. Aviat-slonnyy institut im. Sergo Ordzhonikidze) Errata slip inserted. 17,500 copies printed.

Ed. (Title page): B.N. Petrov, Corresponding Member, USSR Academy of Sciences, Professor; Ed. (Inside book): V.N. Istratov, Candidate of Technical Sciences; Ed. of Publishing House: E.A. Shekhtman; Tech. Ed.: V.P. Rozhin; Managing Ed.: A.S. Zaymovskaya.

PURPOSE: This is a textbook for students of the electromechanical departments of vtuzes working on term- and diploma design projects.

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Handbook on the Design (Cont.)

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Some chapters may also be useful to engineering personnel working with automatic control systems.

COVERAGE: The authors discuss basic problems in the design of automatic-control system elements, such as transducers, relays, clutches, and power transformers. They also describe servo systems, particularly autopilots, and present numerical examples of calculating system parameters. Typical assignments for students working on term design projects are also presented. The book was written by part of the teaching staff of Moscow Aviation Institute imeni Sergo Ordzhonikidze, under the direction of Professor B.N. Petrov, Corresponding Member, USSR Academy of Sciences. Chapter I was written by D.I. Ageykin; Chapter II, by S.P. Kolosov and M. A. Balashov; Chapter III, by V.I. Nefedov; Chapter IV, by Ye. M. Reshetnikov; Chapter V, by N.P. Udalov; Chapter VI, by N.M. Tishchenko; Chapter VII, by N. I. Sokolov; and Chapter VIII, by V.M. Stromilov. The authors thank Docents V.N. Istratov, S.P. Inozemtsev and A.F. Khokhlov, Candidates of Technical Sciences, for reviewing the book. There are 69 references, all Soviet (including 2 translations).

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1. Remarks Concerning the Term Assignment and Term Design Project

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2. Typical Assignment for a Term Design Project

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AVAILABLE: Library of Congress

Card 4/4

JP/bg
9-30-59

RESHETNIKOV, Ye.M., kand.tekhn.nauk

Parallel and series connection of two electron tubes with
a single load and varying plate voltage supply. Trudy MAI
no.134:170-186 '61. (MIRA 14:8)
(Electronic circuits) (Electron tubes)

RESHETNIKOV, Yu. S.; SAVVAITOVA, K. A.

Some characteristics of the structure of the skull and the
caudal skeleton in char of the genus *Salvelinus*. Vop. ikht. 2
no.3:433-440 '62. (MIRA 15:10)

1. Institut morfologii zhivotnykh imeni A. N. Severtsova AN SSSR
i kafedra ikhtiologii Moskovskogo gosudarstvennogo universiteta.

(Kamchatka—Trout) (Bones)

RESHETNIKOV, Yu.S.

Relationship between the number of gill rakers and the nature of feeding in chars of the genus *Salvelinus*. Zool. zhur. 40 no.10: 1574-1577 0 '61. (MIRA 14:9)

1. Department of Ichthyology, State University of Moscow.
(Trout) (Gills) (Fishes--Food)

RESHETNIKOV, Yu.S.

Variation and polymorphism of whitefishes with respect to the characteristics of their feeding habits in the bodies of water of the North. Dokl. AN SSSR 152 no.6:1465-1466 0 '63.

(MIRA 16:11)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR.
Predstavleno akademikom Yu.A. Orlovym.

ERIVOLUTSKIY, D.A.; RESNEINIKOV, YU.S.

Brief news and information. Zool. zhur. 44 no.7.1111-1120 '65.
(MIRA 18:9)

SAVVAITOVA, K.A.; RESHETNIKOV, Yu.S.

Feeding of different biological forms of the char *Salvelinus malma* (Walb.) in some bodies of water of Kamchatka. Vop. ikht. 1 no. 1:127-135 '61. (MIRA 14:5)

1. Kafedra ikhtiologii Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova.

(Kamchatka--Trout) (Fishes--Food)

RESNETKOVA, A. D.; FADEYEVA, M.A.; FILIPPOVA-NUTRIKHINA, Z.L.;
YESIKOV, M.S. and KOLTUNOV, A.G. and PUGACHEV, A.G.
"Materials on the Diagnosis of Toxoplasmosis in Children"

Voprosy toksoplazmoza, report theses of a conference on toxoplasmosis,
Moscow, 3-5 April 1961, publ. by Inst Epidemiology and Microbiology
im. N. F. Gamaleya, Acad. Med. Sci USSR, Moscow, 1961, 69pp.

RESHETKOVA, A. D.; FADEYEVA, M.A.; YESKOV, M.S.; KOLTUNOV, M.V.;
GRACHEVA, L.I. and FILIPPOVA-NUTRIKHINA, A.L.

"The Results of Testing Nursery-age Children and their Mothers
for Toxoplasmosis"

Voprosy toksoplazmoza, report theses of a conference on toxoplasmosis,
Moscow, 3-5 April 1961, publ. by Inst Epidemiology and Microbiology
im. N. F. Gamaleya, Acad. Med. Sci USSR, Moscow, 1961, 69pp.

34280

S/535/61/000/143/006/006
D033/D112

11.0910

AUTHOR: Reshetnikova, A.D.

TITLE: Determination of the quantity of air contained in a liquid at atmospheric pressure

SOURCE: Moscow. Aviatsionnyy institut. Trudy, no. 143, 1961.
Issledovaniye nekotorykh elementov gidropnevmaticheskogo
oborudovaniya samoletov, pp 140-147.

TEXT: The author describes a new installation she designed for determining the amount of air in fluids used in hydraulic systems. The fluids examined were AMT-10φ (AMG-10F) lubricant, extensively used in the hydraulic systems of aircraft, and the new lubricants "A" (A) and "B" (V). The new installation, designed for laboratory and airfield use (Fig. 1), is based on a previous degassing apparatus developed by L.A. Epshteyn (Ref.1: Pribor i metod dlya opredeleniya sodержaniya gazov, rastvorenykh v zhidkosti [A device and a method for determining the contents of gases dissolved in a liquid], "Peredovoy nauchno-tekhnicheskiy i proizvodstvennyy

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34280

S/535/61/000/143/006/006
DO33/D112

Determination of ...

opyt", tema 39, 1957, izd. filiala VINITI AN SSSR). The apparatus does not require mercury. Its operation is described in detail. The air liberation factor is calculated as $\delta = \frac{p}{p_0} \frac{V_2}{V_1}$, where p - pressure of the

of the liberated air; p_0 - atmospheric pressure; V_1 - volume of the container 1; V_2 - volume of the container 4. The experimental relationship

$\delta = f(p_{\text{vacuum}})$ is linear and can be described as $\delta = A 10^{-2} p_{\text{vacuum}}$,

where A is a coefficient obtained experimentally. The maximum air liberation or coefficient of solubility for AMG-10F oil in a perfect vacuum was found to be 9.72%, and for oils "A" and "V" - 8.8% and 8.7%, respectively. The specific weight and the viscosity of these oils are also given. The admissible error of the installation is calculated as $\Delta_1 + \Delta_2$, where

$$\Delta_1 = \frac{p_1 + p_2}{p_0} \delta \quad \text{and} \quad \Delta_2 = \frac{p_2}{p_0 V_1} \frac{S \Delta h}{2}, \text{ where } p_1 - \text{residual}$$

Card 2/ 3

ANDREYEVA, V.S.; GAVRILOVA, L.V.; LEVIN, V.M.; RESHETNIKOVA, Zh.V.

Acute psychotic states during antabuse treatment of chronic alcoholism.
Zhur.nev. i psikh. 59 no.6:674-678 '59. (MIRA 13:1)

1. Bol'nitsa imeni Gannushkina (glavnyy vrach V.N. Rybalka) i kafedra
psikhiatrii (zav. - prof. A.V. Snezhnevskiy) Tsentral'nogo instituta
usovershenstvovaniya vrachev, Moskva.

(DISULFIRAM, inj. eff.

psychoses (Rus))

(PSYCHOSES, etiol. & pathogne.

disulfiram (Rus))

Reshetnikova, A.D.
RAZUMOV, A.I.; MARKOVICH, Ye.A.; RESHETNIKOVA, A.D.

Alkylphosphinous and phosphinic acid derivatives. Part 7:
Mixed esters of primary phosphinic acids. Zhur. ob. khim.
27 no.9:2394-2396 S '57. (MIRA 11:3)

1. Kazanskiy khimiko-tehnologicheskii institut.
(Phosphinic acid)

A. M. GILBERT, L. C.

"Determination of the Viscosity of Liquids Employed in Aircraft Hydraulic Systems as a Function of the Dissolved Air." CardTech Sci, Moscow Order of Lenin Aviation Inst Ineni Sergy Ordzhonikidze. (KL, No 4, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational SC: Sur. No 58, 29 Jul 55

R E S H E T N I K O V A , A . D .

10(5): 1(2), 1(9) PAGES: BOOK EXPLOITATION 80V/255S

Moscow, Aviatsonny Institut Imeni Serge Ordzhonikidze

Isledovaniya v oblasti teoreticheskoy i prikladnoy aerodinamiki; sbornik statey (Research in Theoretical and Applied Aerodynamics; Col-lection of Articles) Moscow, Gornostel, 1959. 94 p. (Series: Ista: Izv. 77. III) 2,650 copies printed.

84. (Title page): B. S. Arshavskiy, Honored Worker of the USSR in Science, Professor; Ed. (Inside book): A. S. Ginzburg, Candidate of Technical Sciences; MA of Publishing House; E. A. Shakhmatov; Tech. Ed.: V. I. Oreshkin; Managing Ed.: A. S. Lazorenko; Engineer.

PURPOSE: This collection of articles is intended for scientific workers, engineers, and students of advanced specialized courses.

COVERPAGE: This collection of six papers is concerned with the aerodynamics of wings and shrouded propellers, hydrodynamic lubrication of bearings, and such fundamental problems as the viscosity of fluids and pressure losses due to local drag.

5. Lazorenko, B. V., Engineer. On the Problem of Determining Pressure Losses Due to Local Drag.

This paper presents a critical synopsis of current knowledge regarding pressure losses due to local drag in aircraft hydraulic systems. References: 17 Soviet, 5 German, 2 English, 1 French.

6. Reshetnikov, A. D., Candidate of Technical Sciences. Variation of the Viscosity of Certain Fluids with Pressure. The results presented in this paper were obtained in the course of an investigation of the influence of all-in various working fluids and temperatures on the characteristics of hydraulic systems. This paper is an extension of the research started by Candidate of Technical Sciences, I. M. Krasov. References: 4 Soviet, 1 translation from English.

RESHETNIKOVA, A.D., kand.tekhn.nauk

Determining the viscosity of liquids containing dissolved air.
Trudy MAI no.117:82-102 '59. (MIRA 13:6)
(Viscosity--Measurement)

RESHETNIKOVA, A.D.

Effect of pantocrine (hart's horn preparation) on the cardiovascular system in a child. Sov.med. no.2:23-26 F '54.

(MLRA 7:1)

1. Iz kliniki detskikh bolezney (direktor - professor N.I. Osinovskiy) II Moskovskogo meditsinskogo instituta im. I.V. Stalina na baze Detskoj klinicheskoy bol'nitsy No.1 (glavnyy vrach - zasluzhennyy vrach RSFSR Ye.V.Prokhorovich).
(Cardiovascular system) (Pharmacology)

S/147/61/000/001/016/016
E032/E314

AUTHORS: Reshetnikova, A.D. and Pukhov, A.L.

TITLE: Determination of the Coefficient of Volume
Expansion of Liquids

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
Aviatsionnaya tekhnika, 1961, No. 1, pp. 133 - 138

TEXT: The present paper reports the determination of the thermal expansion of the AMF-10Φ (AMG-10F) oil, which is the principal working substance of hydraulic systems in aeroplanes. The volume-expansion coefficient of the heat-resistant liquids A and B has also been investigated. The apparatus employed is illustrated in Fig. 1. It consists of a glass "frame" having two vertical sections 1 and 2 and two horizontal tubes 3, as well as a differential manometer 4. If the temperature of the liquid in the arm 1 is t and that in the arm 2 is 0 , while the corresponding densities are ρ_t and ρ_0 , then $h_t/h_0 = \rho_0/\rho_t$ where h is the height of the liquid at the appropriate temperature. Since

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($t = P_0/(Q + \pi t)$), it follows that $a = (h_t - h_0)/h_0 t$.

This is the basic formula for computing a . In practice, the working arm 1 is placed in a thermostat 7 equipped with the window 10 while the standard arm 2 is surrounded by melting ice. When the two arms 1 and 2 are at a different temperature, the differential manometer indicates a pressure difference $h_1 - h_2$ and this can be read to within ± 0.25 mm. In this case the working formula is

$$a = \frac{1}{t} \frac{h_1 - h_2}{h_2 - h_1 + h_0} = \frac{1}{t} \frac{h_1 - h_2}{h_0 - (h_1 - h_2)}$$

The quantity $h_1 - h_2$ can be expressed in terms of the manometer indications by the formula $h_1 - h_2 = (a - a_0)/2$.

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i.e. the manometer is at an angle of 30° to the horizontal. A typical result obtained for the AMG-10F oil is shown in Fig. 3, in which the volume-expansion coefficient α is plotted as a function of temperature in $^{\circ}\text{C}$. Fig. 4 shows the specific weight of this oil as a function of temperature. The specific weight was calculated from the formula

$$\gamma_t = \frac{\gamma_{20}}{1 + \alpha(t - 20^{\circ})}$$

Figs. 5 and 7 shows the volume-expansion coefficients of oils A and B, respectively. Figs. 6 and 8 show the corresponding specific gravities. There are 8 figures, 1 table and 1 Soviet reference.

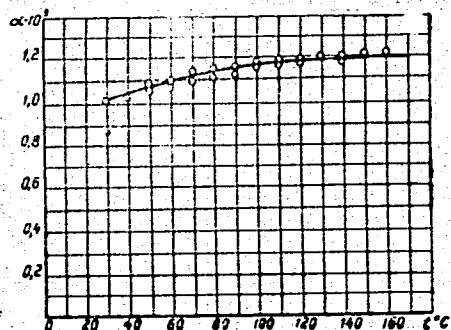
ASSOCIATION: Moskovskiy aviatsionnyy institut
(Moscow Aviation Institute)

SUBMITTED: October 3, 1960

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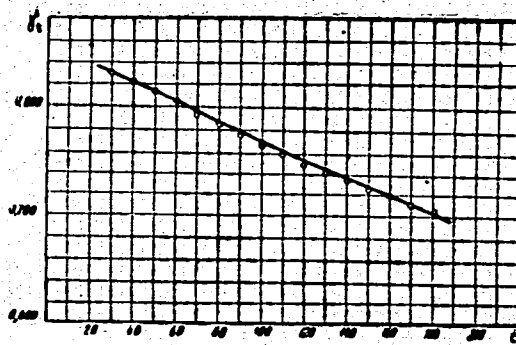
Fig. 3:



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Fig. 4:

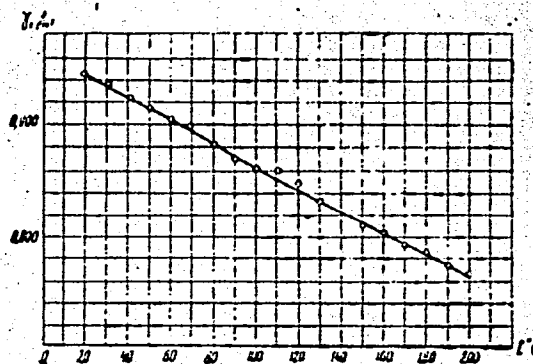
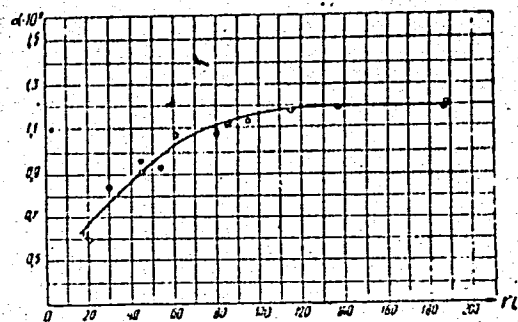


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EO32/E314

Fig. 5:

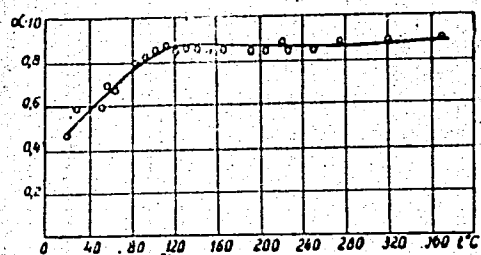
Fig. 6:



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Determination of

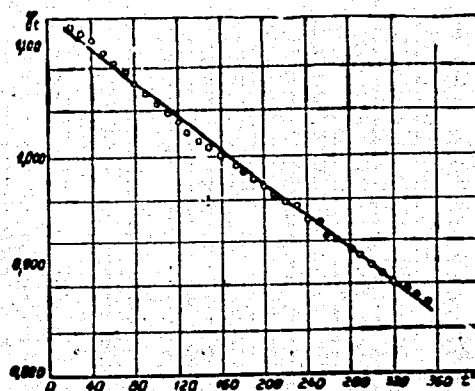
Fig. 7:



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E032/E314

Fig. 8:



RESHETNIKOVA, A.D.

Determining the air content in a liquid at atmospheric pressure.
Trudy MAI no.143:140-147 '61. (MIRA 15:6)
(Oils and fats--Analysis)

RESHETNIKOVA, A. D.

Reshetnikova, A. D.

"Changes in the Cardiovascular System in Measles Among Children." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

RESHETNIKOVA, A.D.; FADEYEVA, M.A.; FILIPPOVA-NUTRIKHINA, Z.L.; YESIKOV, M.S.;
KOLUTNOV, M.V.; PUGACHEV, A.G.

Diagnosis of toxoplasmosis in children. Sov.med. 25 no.1:47-50
Ja '62. (MIRA 15:4)

1. Iz kafedry gosptal'noy pediatrii **II** Moskovskogo meditsinskogo
instituta (zav. - prof. K.F.Popov) i kafedry detskoy khirurgii
(zav. - prof. S.D.Ternovskiy).
(TOXOPLASMOSIS)

SAKULIN, I.P.; STREL'TSOVA, V.N.; RESHETNIKOVA, A.F.; DAVYDOVA, A.L.;
STEPANOVA, S.V.

Material on the epidemiology of influenza in Sverdlovsk in 1959.
Zhur.mikrobiol.epid.i immun. 32 no.1:137-140 Ja '61. (MIRA 14:6)

1. Iz kafedry epidemiologii Sverdlovskogo meditsinskogo instituta.
(SVERDLOVSK---INFLUENZA)

SAKULIN, I.P.; STREL'TSOVA, V.N.; RESHETNIKOVA, A.F.; DAVYDOVA, A.L.;
STEPANOVA, S.V.

Data on the epidemiology of influenza in Sverdlovsk in 1959. Zhur.
mikrobiol. epid. i immun. 31 no. 121-124 0 '60. (MIRA 13:12)

1. Iz Sverdlovskogo meditsinskogo instituta.
(SVERDLOVSK—INFLUENZA)

RESHETNIKOVA, A. R. Cand Med Sci -- (diss) "On ~~the~~ changes of certain indexes
of carbohydrate exchange in patients affected with hypertonic diseases ^{with} ~~against~~
^a ~~the~~ background of sedation therapy." Dnepropetrovsk, 1957. 17 pp with graphs,
20 cm. (Min of Health USSR, Dnepropetrovsk State Med Inst), 200 copies
(KL, 24-57, 121)

RESHETNIKOVA, A.R. (Dnepropetrovsk); STEPASHKINA, K.I., professor, direktor.

Functional characteristics of cardiovascular changes in closed cranial wounds.
Klin.med. 31 no.7:45-47 J1 '53. (MIRA 6:9)

1. Propedevticheskaya terapevticheskaya klinika Dnepropetrovskogo meditsinskogo instituta.

(Head--Wounds and injuries) (Cardiovascular system)

ARONCHIKOVA, A. V.

"Parasitofauna of Certain Commercial Fish of the Black Sea." Cand Biol Sci, Inst
Zoology, Acad Sci USSR, Leningrad, 1954. (RZhBiol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended
at USSR Higher Educational Institutions (16).

MARKOV, G.B.; TRUSOV, V.Z.; RESHETNIKOVA, A.V.

Effect of spawning migrations of the sturgeon *Acipenser
güldenstädti* Brandt on its parasites. Uch. zap. Volg. gos.
ped. inst. no.16:111-124 '64. (MIRA 19:1)

1. Kafedra zoologii Volgogradskogo gosudarstvennogo pediatri-
cheskogo instituta i Volgogradskoye otdeleniye Instituta
rybnogo khozyaystva Vserossiyskogo soveta narodnogo khozyaystva.

Reshetnikova, A.V.
USSR/Zooparasitology - General Problems.

G-1

Abs Jour : Ref Zhur - Biol., No 6, 1958, 24305

Author : Reshetnikova, A.V.

Inst :

Title : Parasitofauna of Fish in Fresh Water Reservoirs of Crimea.

Orig Pub : Tr. Karadagsk. biol. st. AN USSR, 1957, No 14, 82-91

Abstract : In 1002 fishes of 12 species investigated from Almin, Kachin and Taygan reservoirs and kolkhoz ponds of Dzhankoy and Krasnoperekop districts, 9 species of parasites were noted: protozoa - 3 species (Myxobolus carassii, M. cyprini, M. phisophilus), monogenetic trematode Dactylogyrus anchoratus, cestodes -- 2 (Ligula intestinalis, L. colymbi), skreben Pomphorhynchus laevis, nematode larva Contracoecum squalii, crustacea Argulus foliaceus. Extent of infection was 36.7%. This year's spawn of shining carp and carp from Kachin and Taygan can be used for introduction into Crimean reservoirs.

Card 1/1

RESHETNIKOVA, A.V.

Effect of the plerocercoid of *Digrama interrupta* Rud. on the growth of bream. Zool. zhur. 44 no.5:734-739 '65.

(MIRA 18:6)

1. Volgogradskoye otdeleniye Gosudarstvennogo nauchno-issledovatel'skogo instituta rechnogo i ozerного rybnogo khozyzstva.

AESHETNIKOVA, A. V.

"On Bream Ligula-Infection in the Tsimlyansk Lake."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Stalingrad Branch of the "GOSNIORKH")

EXCERPTA MEDICA Sec 17 Vol 5/9 Public Health Sept 59

2534. DYNAMICS OF THE 2-WAVE PATTERN OF INFLUENZA (Russian text) -
Reshetnikova E. K. Dept. of Virol. and Rickettsia, Kasakh Inst. of
Epidemiol., Microbiol. and Hyg. - ZDRAVOOKHR. KAZ. 1958, 18/7
(10-16) Graphs 3 Tables 3

The epidemic of Asian influenza during 1957 in Kazakhstan occurred in 2 waves: the first of weaker, and the second of greater intensity. The first cases were registered in the eastern provinces of Kazakhstan. At the same time, great epidemics of influenza were discovered in the border-regions of China. The influenza epidemic in Kazakhstan affected people of all ages, although there was a predominance among infants and children. Clinically, the course of the disease was moderately heavy to light. The lethality was 0.3%. Those who recovered from the disease developed immunity, which as a rule protected them during the second wave of the epidemic.

Mitov - Plovdiv

RESHETNIKOVA, E.V.

USSR/Soil Science. Physical and Chemical Properties of Soils.

I-3

Abs Jour: Referat Zh-Biol., No 6, 25 March, 1957, 22464

Author : Reshetnikova, E.V.

Inst :

Title : Mobile Manganese in Soils of the Ulyanov Oblast'.

Orig Pub: Tr. Ulyanovskogo s.-kh. in-ta, 1956, 4, 67-79.

Abstract: In the Ulyanov Oblast', the most common variations of chernozem and forest-steppe podzol soils are distinguished by a considerable content of mobile forms of Mn, especially in the upper portion of the humus layer. The largest content is found in podzol chernozems and in dark-grey forest-steppe weakly podzol soils 0.044-0.210% (by the weight of dried soil) in horizon A, and in the dealkalized chernozems - 0.008-0.079%. Soils under forests are especially rich in Mn, which is explained by the greater intensity of its extraction by deep tree root systems, expressed

Card : 1/2

-15-

POLLAK, G.F.; RESHETNIKOVA, E.K.

On a mass outbreak of cystitis of alimentary origin: Preliminary report. J.hyg.epidem., Praha 4 no.2:207-211 '60.

1. Aus dem Kasachischen Institut fur Epidemiologie und Hygiene, Alma-Ata.

(CYSTITIS etiology)

(FLOUR)

(PLANTS toxicol)

YUN'YEV, G.S.; PRILEPKO, M.Ye.; Prinimali uchastiye: KRASOVSKAYA, R.I., studentka; RACHKOVSKAYA, I.V., studentka; MOGOVSKAYA, N.F., studentka; RESHETNIKOVA, I.L., starshiy laborant

Age-related dynamics of cardiac activity in laboratory mammals according to electrocardiographic data. Report No.1: Atrioventricular conduction interval and the heart rhythm. Vop. fiziol. chel. i zhiv. no.1:31-46 '60. (MIRA 14:10)

1. Kafedra fiziologii cheloveka i zhiivotnykh Belorusskogo gosudarstvennogo universiteta imeni Lenina. (ELECTROCARDIOGRAPHY) (ANIMALS, INFANCY OF)

1. K. I. Kuznetsov, V. I. Kuznetsov, V. I. Kuznetsov, M. I. Kuznetsov.

2. On the properties of methylated phthalocyanine.
Dokl. Akad. Nauk SSSR, 20 no. 3334-38, 1965.

(NIRA 18:8)

3. Kuznetsov, V. I. Kuznetsov, V. I. Kuznetsov, M. I. Kuznetsov.
L. Kuznetsov, V. I. Kuznetsov, V. I. Kuznetsov, M. I. Kuznetsov.

RESHETNIKOVA, K.A.

Problem of the coefficient of horizontal turbulent exchange. Trudy
GGO no.55:59-63 '95. (MIRA 9:8)

(Atmospheric turbulence)

36-71-5/16

AUTHOR: Reshetnikova, K. A.

TITLE: Analysis of Vertical Components by Equations for the Dynamics of Turbulent Atmosphere and the Significance of Their Monthly Averages (Opredeleniye vertikal'nykh tokov iz uravneniy dinamiki turbulentnoy atmosfery i analiz ikh srednemesyachnykh znacheniy)

PERIODICAL: Trudy Glavnoy geofizicheskoy observatorii
1957, Nr 71, pp. 72-93 (USSR)

ABSTRACT: The modern study of atmospheric problems is based on detailed knowledge of vertical currents. Several authors have examined the large-scale trends for such currents and have prepared corresponding patterns for different fields of vertical velocity, and for various synoptic situations. Of all factors influencing the velocities, the best known are the vertical turbulent exchange and variation of the Coriolis parameter depending on latitude. Another important factor affecting the velocity is the irregular shape of the earth's surface. The influence of such irregularities on the in-rushing air flows has been extensively analyzed. Many theoretical studies con-

Card 1/3

36-71-5/16

Analysis of Vertical Components by Equations for the (Cont.)

cerning cloud concentration on the lee side of wind and the compressibility of the atmosphere as well as effect of topographic obstacles on the spatial extent of a turbulence have been produced. Some authors based their conclusions on the theory of long waves including the Coriolis effect and investigated the effects of the changes in pressure for short-term forecasting on the development of cyclones and the formation of planetary baric waves. For certain conditions, the theory of long waves was quite satisfactory. One of the problems considered in this study is the effect of surface relief on vertical velocities in turbulent atmosphere. The prognostic significance of the deviations of wind from geostrophic is considered mathematically without correcting for friction or for irregularities of the ground. The evaluation of similar factors in the boundary layer is more complicated; here, the velocity of wind is changing in accordance with logarithmic or exponential laws. Yudin solved this problem of wind field by applying the long-waves principle. The technique discussed provides a solution within the vertical column for any distribution of the geostrophic wind. It becomes evident in the final analysis that for irregular surface the effect of acceleration on the

Card 2/3

RESHETNIKOVA, L.

With the help of a designer. Prom.koop. 14 no.8:29 Ag '60.
(MIRA 13:8)

1. Inspektor otdela kadrov oblpromsovet, Khar'kov.
(Artificial arms)

Reshetnikova, L. E.

Chromatographic study of static ethane adsorption. D. V. Vyakhirev and L. E. Reshetnikova. *Uchenye Zapiski Gor'kovsk. Univ.* 1953, No. 24, 101-200; *Referat. Zhur. Khim.* 1955, No. 7254. Adsorption isotherms of ethane were studied on SiO₂ gel and activated C-AT-2. The isotherms satisfied the Langmuir equation. However, the adsorption coeffs. detd. by the frontal method were smaller than the ones detd. by the developing method. This discrepancy is attributed to the inexactness of the former method. M. Hosh

KORSHAK, V.V.; VINOGRADOVA, S.V.; LEBEDEVA, A.S.; Primala uchastiye
RESHETNIKOVA, L.D.

Heterochain polyesters. Part 41. Vysokom. soed. 5 no.5:674-680
My '63. (MIRA 17:3)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

KORSHAK, V.V.; VINOGRADOVA, S.V.; LEBEDEVA, A.S.; Prinimala uchastiye:
RESHETNIKOVA, L.L., laborant

Heterochain polyesters. Part 35: Some regularities in interfacial
polyesterification. Vysokom.soed. 4 no.7:968-971 J1 '62. (MIRA 15:7)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Esterification)
(Polymers)

AKUTIN, M. S.; KORSHAK, V. V.; RODIVILOVA, L. A.; VINOGRADOVA, S. V.;
BUDNITSKIY, Yu. M.; VALETSKIY, P. M.; LEBEDEVA, A. S.; Primali
uchastiye: BONDAREVA, Ye. A., laborant; RESHETNIKOVA, L. M.,
laborant; KOVALEVA, T. G., laborant

New data on the processing and properties of polyarylates.
Plast. massy no. 11:20-26 '62. (MIRA 16:1)

(Esters) (Condensation products(Chemistry))

5(2)

PHASE I BOOK EXPLOITATION

SOV/2252

Akademiya nauk SSSR. Institut obshchey i neorganicheskoy khimii

Khimiya redkikh elementov, vyp. 3 (Chemistry of Rare Elements, Nr 3) Moscow,
Izd-vo AN SSSR, 1957. 135 p. 4,500 copies printed. Errata slip inserted.

Ed. of Publishing House: Yu. S. Sklyarenko; Tech. Ed.: A. A. Pavlovskiy;
Editorial Board: I. V. Tananayev (Resp. Ed.), S. A. Pogodin, Ye. Ya.
Rode, V. G. Tronev, and O. F. Bogush (Secretary).

PURPOSE: The book is intended for scientists and engineers concerned with the
study and utilization of rare elements.

COVERAGE: The book is a collection of papers on investigations in the chemistry
of rare elements conducted at the Institut obshchey i neorganicheskoy khimii
imeni N. S. Kurnakova (Institute of General and Inorganic Chemistry imeni
N. S. Kurnakov). No personalities are mentioned. There are 143 references:
59 Soviet, 23 English, 41 German, 15 French, 4 Italian, and 1 Japanese.

Card 1/3

Chemistry of Rare Elements, Nr 3

SOV/2252

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AVAILABLE: Library of Congress

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TM/mg
10-1-59

RESHETNIKOVA, L.P.; NOVOSELOVA, A.V.; ZAKHAROVA, B.S.

Solubility of $(\text{NH}_4)_2\text{BeF}_4$ in solutions of propyl and butyl
alcohols. Vest. Mosk. un. Ser. 2 Khim. 19 no.2:30-32 Mr-Apr'64
(MIRA 17:6)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.

NOVOSILOVA, A.V.; RESHETNIKOVA, L.P.

Vapor pressure of saturated solutions of beryllium sulfate. Vest.
Mosk. un. Ser. mat. mekh., astron., fiz., khim. 11 no.2:171-174
'56. (MIRA 10:12)

1. Kafedra neorganicheskoy khimii Moskovskogo gosudarstvennogo uni-
versiteta.

(Vapor pressure) (Beryllium sulfate)

Reshetnikova, L. P.

Vapor pressure of saturated solutions in the system
 $\text{NH}_4\text{SO}_4/\text{BeSO}_4/\text{H}_2\text{O}$. A. V. Novoselova and L. P.
 Reshetnikova (M. V. Lomonosov State Univ., Moscow).
 Khim. Rezhizh. Elementov, Akad. Nauk S.S.S.R., Inst.
 Obshchei i Neorg. Khim. 1957, No. 3, 8-13; cf. C.A. 51,
 17347a. — Vapor pressures of satd. solns. of varying compn.
 were detd. at 25, 50, and 75°. These values were compared
 with values calcd. by means of the equation due to Barasova,
 et al. (C.A. 31, 7323°) $P = P_0 - \sum (m_i/m_{\text{sat},i}) \Delta P_i$, where P_0
 is the vapor pressure of pure water, m_i is the molar concn.,
 and $m_{\text{sat},i}$ is the molar concn. of a satd. soln. of the i^{th} com-
 ponent only. The close agreement thus obtained between
 calcd. and exptl. values verified the applicability of this
 equation for calcn. of vapor pressures in ternary systems.

Wilmer Stratton

Distr: 4El,j

AUTHORS: *RESHETNIKOVA, L. P.*
Reshetnikova, L. P., Novoselova, A. V., 78-2-19/43
Kirkina, D. F.

TITLE: Investigations on the System $\text{CaSO}_4\text{-BeSO}_4\text{-H}_2\text{O}$
(Issledovaniya sistemy $\text{CaSO}_4\text{-BeSO}_4\text{-H}_2\text{O}$)

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1958, Vol. 3, Nr 2,
pp. 378-382 (USSR)

ABSTRACT: The purpose of the present paper was an investigation of the solubility of the system $\text{CaSO}_4\text{-BeSO}_4\text{-H}_2\text{O}$ and the explanation of the influence exerted by these sulfates upon each other. The solubility was investigated at 25 and 75° C. In the system $\text{CaSO}_4\text{-BeSO}_4\text{-H}_2\text{O}$ the eliminated solid phase at 25 and 75° C is pure CaSO_4 and neither double salts nor solid solutions could be determined. The CaSO_4 , eliminated at 25° C crystallizes with 2 Mol of water. The CaSO_4 eliminated at 75° C represents calcium-sulfate anhydrite. Chemically pure beryllium sulfate and calcium sulfate were used as initial substances. CaSO_4 was produced by way of calcium chloride and sulfuric acid. The determination of beryllium in the solution is performed volumetrically. But the determination of calcium is performed with the aid of the radioactive

Card 1/2

Investigations on the System $\text{CaSO}_4\text{-BeSO}_4\text{-H}_2\text{O}$

78-2-19/43

indicator Ca^{45} . For the separation of beryllium and calcium, calcium oxalate is first precipitated with the aid of ammonium oxalate in a neutral solution, whereas beryllium stays in the solution as a soluble complex. On addition of beryllium sulfate to the calcium-sulfate solution at 2% of beryllium sulfate a minimum of the solubility of CaSO_4 occurs, then the solubility again increases to 5% of beryllium sulfate, and then it again decreases. Crystallographic analyses also showed that the solid phase only contains calcium sulfate and that neither double salts nor solid solutions occur between CaSO_4 and BeSO_4 . It was found that the solubility of calcium sulfate at an addition of beryllium sulfate at 25° C in comparison with the solubility in water is almost reduced six times (209 mg/100 g solution in water as compared to 31 mg/100 g solution) and that it is 13 times reduced at 75° C (200 mg as compared to 15 mg/100 solution). There are 4 figures, 3 tables, and 16 references, 2 of which are Slavic.

SUBMITTED: April 27, 1957
AVAILABLE: Library of Congress

Card 2/2

AVIRMED, A.; RESHETNIKOVA, L.P.; NOVOSELOVA, A.V.

Simultaneous solubility of lithium and beryllium sulfates in
sulfuric acid. Vest.Mosk.un.Ser.2: Khim. 17 no.2:47-49 Apr
Ap '62. (MIRA 15:4)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.
(Lithium sulfate) (Beryllium sulfate) (Solubility)

5 (2,4)

AUTHORS:

Novoselova, A. V., Muratov, F. Sh., SOV/55-58-6-23/31
Reshetnikova, L. P., Gordeyev, I. V.

TITLE:

Investigations on the Pressure of Dissociation of the Sodium Fluoroberyllate Having the Composition Na_2BeF_4 (Issledovaniye davleniya dissotsiatsii ftoroberillata natriya sostava Na_2BeF_4)

PERIODICAL:

Vestnik Moskovskogo universiteta. Seriya matematiki, mekhaniki, astronomii, fiziki, khimii, 1958, Nr 6, pp 181 - 190 (USSR)

ABSTRACT:

This report covers investigations of the thermal dissociation of the above composition within the temperature range of 1009-1197°. Besides, the steam pressure over the liquid sodium fluoride (NaF) and beryllium fluoride (BeF_2) was ascertained at appropriate temperatures. For the investigations NaF of the qualification ChDA was used and self-produced BeF_2 and Na_2BeF_4 whose preparation is described briefly. The data resulting from the analysis of the Na_2BeF_4 are compiled in table 1. The apparatus used for measuring the steam and dissociation pressure according to the flow method is - taken all in all - similar

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Investigations on the Pressure of Dissociation of
the Sodium Fluoroberyllate Having the Composition
 Na_2BeF_4

SOV/55-58-6-23/31

to that described in publications. The diagram is depicted in Fig 1, and is - in the following - described with sufficient precision. The steam pressure was determined according to formula $p = P \frac{n-n_1}{(n+N)-n_1}$ wherein n , N , and n_1 denote the mol values

of the evaporating component (carried along by the gas streaming through), of the gas streaming through, and of the substance which is generated in the condensor in consequence of diffusion. P is the pressure of the gas (nitrogen) streaming through. The results obtained were extrapolated on the pressure P_{extrapol} for the gas speed = 0. The apparatus was controlled by measuring the steam pressure of KCl (Data see Table 2). The measuring results for the steam pressure of BeF_2 are specified in table 3, whereby the dependence of $\lg p$ on $1/T$ was expressed by the equation $\lg p = A - B/T$ (Fig 2). A and B were expressed on the basis of experimental data following the method of the smallest squares. (In the temperature range from

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Investigations on the Pressure of Dissociation of
the Sodium Fluoroberyllate Having the Composition
 Na_2BeF_4

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767-821° the respective figures are 13.0411 and 13762, and in the temperature range 821-1002° 9.9041 and 10268). The result is, $\Delta H_{\text{subl}} = 62962$ cal/mol and $\Delta H_{\text{steam}} = 46977$ cal/mol. The steam pressure of molten NaF was determined within a temperature range from 1071 to 1197°. Results are given in table 4 and in Fig 3. A and B were calculated at 8.2263 and 11029.9. In this manner the evaporating heat ΔH was found to be 50462 cal/mol. For the investigation of the pressure of dissociation of the Na_2BeF_4 several condensates were analyzed (See table 5).

These analyses lead to the assumption that the dissociation takes place according to the following equation: $\text{Na}_2\text{BeF}_4 \rightleftharpoons 2\text{NaF} + \text{BeF}_2$. The partial pressures for NaF and BeF_2 were determined by way of liquid Na_2BeF_4 , and for the temperature range 1009-1197° the following equations were found for lg p in dependence of 1/T: For BeF_2 : $\lg p = 8.6881 - 10939/T$, and for NaF: $\lg p =$

Card 3/4

Investigations on the Pressure of Dissociation of
the Sodium Fluoroberyllate Having the Composition

SOV/55-58-6-23/31

Na_2BeF_4

8.4370-10633/T (Table 6 and Fig 4). Besides, the activities of the individual components and the corresponding molar percentages in the molten mass of the Na_2BeF_4 (Table 7) were determined. From the results obtained in this connection the conclusion can be drawn, that the dissociation does not proceed, as supposed, but according to the equation $\text{Na}_2\text{BeF}_4 \rightleftharpoons \text{NaF} + \text{NaBeF}_3$. The dissociation heat of NaF calculated for this equation amounted to $\Delta H = 48646$ cal/mol. There are 4 figures, 7 tables, and 12 references, 5 of which are Soviet.

ASSOCIATION: Kafedra neorganicheskoy khimii (Chair for Inorganic Chemistry)

SUBMITTED: June 13, 1958

Card 4/4

RESHETNIKOVA, L.P., NOVOSELOVA, A.V., KIRKINA, D.F., NOSOVA, N.M.

Effect of ethanol on the joint solubility of beryllium and calcium sulfates. Vest. Mosk. un. Ser. 2: khim. 15 no.2:50-52 NF-AP-160.

(MIRA 13:6)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.
(Ethyl alcohol) (Beryllium sulfate) (Calcium sulphate)

BUZILOV, Yu.T., kand. ekon. nauk; Prinimali uchastiye: YERMAKOVA,
L.A.; RESHETNIKOV, V.A.; RESHETNIKOVA, L.V.; RUBLEVA,
K.I.; SAMOYLOV, N.P.; SERGEYEVA, V.S., red.; TIKHONOVA,
Ye.M., red.

[Manual for establishing work norms and wages in livestock
farming] Spravochnik po normirovaniu i oplate truda v
zhivotnovodstve. Moskva, Kolos, 1964. 326 p.
(MIRA 18:8)

RESHETNIKOVA, L.V.

Migration and adsorption of barium atoms on the faces of a single-crystal tungsten whisker. Nauch. trudy TashGu no.221.Fiz. nauki no.21:113-122 '63. (MIRA 17:4)

RESHETNIKOVA, L.V.

Surface migration and adsorption of barium atoms on the edges of
filamentary monocrystals of tungsten. Radiotekh. i elektron. 8
no.12:2071-2077 D '63. (MIRA 16:12)

1. Tashkentskiy gosudarstvennyy universitet im. V.I.Lenina.

GALAKTIONOV, A.A.; SERGEYEVA, Z.V.; KURICHENKO, V.A.; RESHETNIKOVA,
L.V.; POGULYAYLO, Z.K.; SUVOROV, V.S.; KRIVOV, M.D.;
RASTATUYEV, V.A.; FEDOROVA, Yu.A., red.; SAYTANIDI, L.D.,
tekhn. red.

[Collection of technologically groned production norms for
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1. Chair of Biological Chemistry, Kazakh State Medical School,
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(LIVER) (LIPID METABOLISM) (X RAYS--PHYSIOLOGICAL EFFECT)

RESHETNIKOVA, N.I., SULAYEVA, L.S., UTESHEV, A.B., VERBOLOBICH, P.A.,
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"Special Aspects of the Metabolism of Some Substance in
Radiation Disease in Dogs."

Report presented at the 5th Int'l. Biochemistry Congress, Moscow,
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ARKHANGEL'SKIY, D.S.; AYKIMBAYEV, M.A.; RESHETNIKOVA, P.I.

Ixodid tick Dermacentor Daghestanicus olen. 1929 as a possible carrier of the causative agent of Q fever. Report No. 1. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:10-15 '60.

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GORBATYY, N.A.; RESHETNIKOVA, L.V.; SYTAYA, Ye.P.; SHUPPE, G.N.

Electrostatic emission from tantalum single crystals. Trudy SAGU
no.91:39-42 '57. (MIRA 11:2)

(Tantalum) (Electron emission)

GORBATY, N.A. (Tashkent); RESHETNIKOVA, I.V. (Tashkent); SYTAYA, Ye.P. (Tashkent); SHUPPE, G.N. (Tashkent).

Electrostatic emission from single Ta crystals. Zhur. tekhn. fiz. 27
no.2:296-298 F '57. (MIRA 10:4)
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RESHETNIKOVA, L. P.

27
 Vapor pressure of saturated beryllium sulfate solutions.
 A. V. Novoselova and L. P. Reshetnikova. *Vestnik
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 No. 2, 171-4 (1950). — Vapor pressure of satd. aq. BeSO_4
 solns. was measured from 20° to 70° by a tensimetric method
 with Hg manometer at higher, and 1-bromonaphthalene at
 lower temps. Values obtained were slightly lower than
 those by Tammann, except at 70°. Speranskii's formula
 $\log P = a \log C + b$, where P is the vapor pressure, C aq. soln.,
 and a and b are characteristic consts. ($C.A.$ 4, 1117) was
 found applicable for aq. BeSO_4 solns. B. Rysakova

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RESHETNIKOVA, L. V.

21 27
Electrostatic Emission from Ta₂O₅
from Single Crystals. N. A. Gorbaniy,
L. V. Reshetnikova, E. P. Sytaya & G. N.
Shuppe. (Zh. tekhn. fiz., Feb. 1957, Vol. 27,
No. 2, pp. 296-298.) Field-emission patterns
for Ta single crystals appear identical to
those obtained for W and Mo.

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RESHETNIKOVA, I.V.

0231. THE ELECTROSTATIC EMISSION FROM A TANTALUM SINGLE CRYSTAL

N.A. Gorbatyi, I.V. Reshetnikova, E.P. Sytya and G.N. Shuppe. Zh. tekhn. Fiz., Vol. 27, No. 4, 296-8 (1957). In Russian.

Spherical projectors were made up with Ta points. A specimen etched with 90% HF + 10% HNO₃, used in vacuum conditions as 10⁻⁴ mm Hg, heated to 2600° K, gives a picture exactly corresponding to those for W and Mo. Photographs are given for a specimen in a variety of conditions such as: insufficiently annealed, heated at 2600° K, heated to 1000-1100° K, specimen with soiled surface. Treatment of the point by a reversed field leads, in the case of Ta, to a considerable increase of emission current.

C.R.S. Manders

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ACC NR: AP7001724

SOURCE CODE: UR/0048/66/030/012/1942/1949

AUTHOR: Gorbatty, N.A.; L'vov, G.V.; Perederiy, V.A.; Reshetnikova, L.V.; Fekhetdinov, F.A.

ORG: Department of Physical Electronics of Tashkent State University im. V.I. Lenin (Kafedra fizicheskoy elektroniki Tashkentskogo gosudarstvennogo universiteta)

TITLE: Thermoelectron emission from hafnium and zirconium carbides

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 12, 1966, 1942-1949

TOPIC TAGS: hafnium compound, zirconium carbide, carbide, thermionic emission, work function, *electron emission, thermoelectron emission*

ABSTRACT: 'In view of discrepancies in the published data on the thermoelectron emission from HfC and ZrC, the work functions, Richardson constants, and current densities were recalculated for those materials under rigorously controlled conditions. The HfC samples contained 94% metal, 5.3% bound C, and 0.40% free C, and their lattice constant was 4.632 Å. The ZrC samples contained 88.95% metal, 10.05% bound C, and 0.40% free C, and their lattice constant was 4.679 Å. The Richardson method was

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UDC: none